

**In the specification:**

Please replace paragraph [036] as follows:

**[036]** Figure 6 illustrates two ends of two identical but separate cabling media, in accordance with the present invention. The end of a first cable 1 has a jacket 2 removed to show a plurality of twisted wire pairs and the end of a second cable 44 has a jacket 43 removed to show a similar plurality of twisted wire pairs. Specifically, the embodiment of Figure 1 illustrates the first cable 1 having a first twisted wire pair 3, a second twisted wire pair 5, a third twisted wire pair 7, and a fourth twisted wire pair 9. Likewise, the second cable 44 includes a fifth twisted wire pair 51, a sixth twisted wire pair 53, a seventh twisted wire pair 55, and an ~~eight~~ **eighth** twisted wire pair 57.

Please replace paragraphs [039-042] as follows:

**[039]** As illustrated in Figure 6, each twisted wire pair is formed by having its two conductors continuously twisted around each other. For the first twisted wire pair 3, the first conductor 11 and the second conductor 13 twist completely about each other, three hundred ~~and~~ sixty degrees, at a first interval ***w*** along the length of the first cable 1. The first interval ***w*** purposefully varies along the length of the first cable 1. For example, the first interval ***w*** could purposefully vary randomly within a first range of values along the length of the first cable 1. Alternatively,

the first interval  $w$  could purposefully vary in accordance with an algorithm along the length of the first cable 1.

**[040]** For the second twisted wire pair 5, the third conductor 15 and the fourth conductor 17 twist completely about each other, three hundred ~~and~~ sixty degrees, at a second interval  $x$  along the length of the first cable 1. The second interval  $x$  purposefully varies along the length of the first cable 1. For example, the second interval  $x$  could purposefully vary randomly within a second range of values along the length of the first cable 1. Alternatively, the second interval  $x$  could purposefully vary in accordance with an algorithm along the length of the first cable 1.

**[041]** For the third twisted wire pair 7, the fifth conductor 19 and the sixth conductor 21 twist completely about each other, three hundred ~~and~~ sixty degrees, at a third interval  $y$  along the length of the first cable 1. The third interval  $y$  purposefully varies along the length of the first cable 1. For example, the third interval  $y$  could purposefully vary randomly within a third range of values along the length of the first cable 1. Alternatively, the third interval  $y$  could purposefully vary in accordance with an algorithm along the length of the first cable 1.

**[042]** For the fourth twisted wire pair 9, the seventh conductor 23 and the eighth conductor 25 twist completely about each other, three hundred ~~and~~ sixty degrees, at a fourth interval  $z$  along the length of the first cable 1. The fourth interval  $z$  purposefully varies along the length of

the first cable 1. For example, the fourth interval **z** could purposefully vary randomly within a fourth range of values along the length of the first cable 1. Alternatively, the fourth interval **z** could purposefully vary in accordance with an algorithm along the length of the first cable 1.

Please replace paragraph [052] as follows:

**[052]** Figure 11 is a perspective view of a midsection of the first cable 1 of Figure 6, with the jacket 2 removed. Figure 11 reveals that the first, second, third and fourth twisted wire pairs 3, 5, 7, 9 are continuously twisted about each other along the length of the first cable 1. The first, second, third and fourth twisted wire pairs 3, 5, 7, 9, twist completely about each other, three hundred ~~and~~ sixty degrees, at a purposefully varied core stand length interval **v** along the length of the cabling media 1. In a preferred embodiment, the core strand length interval **v is** has a mean value of about 4.4 inches, and ranges between 1.4 inches and 7.4 inches along the length of the cabling media. The varying of the core strand length can also be random or based upon an algorithm.